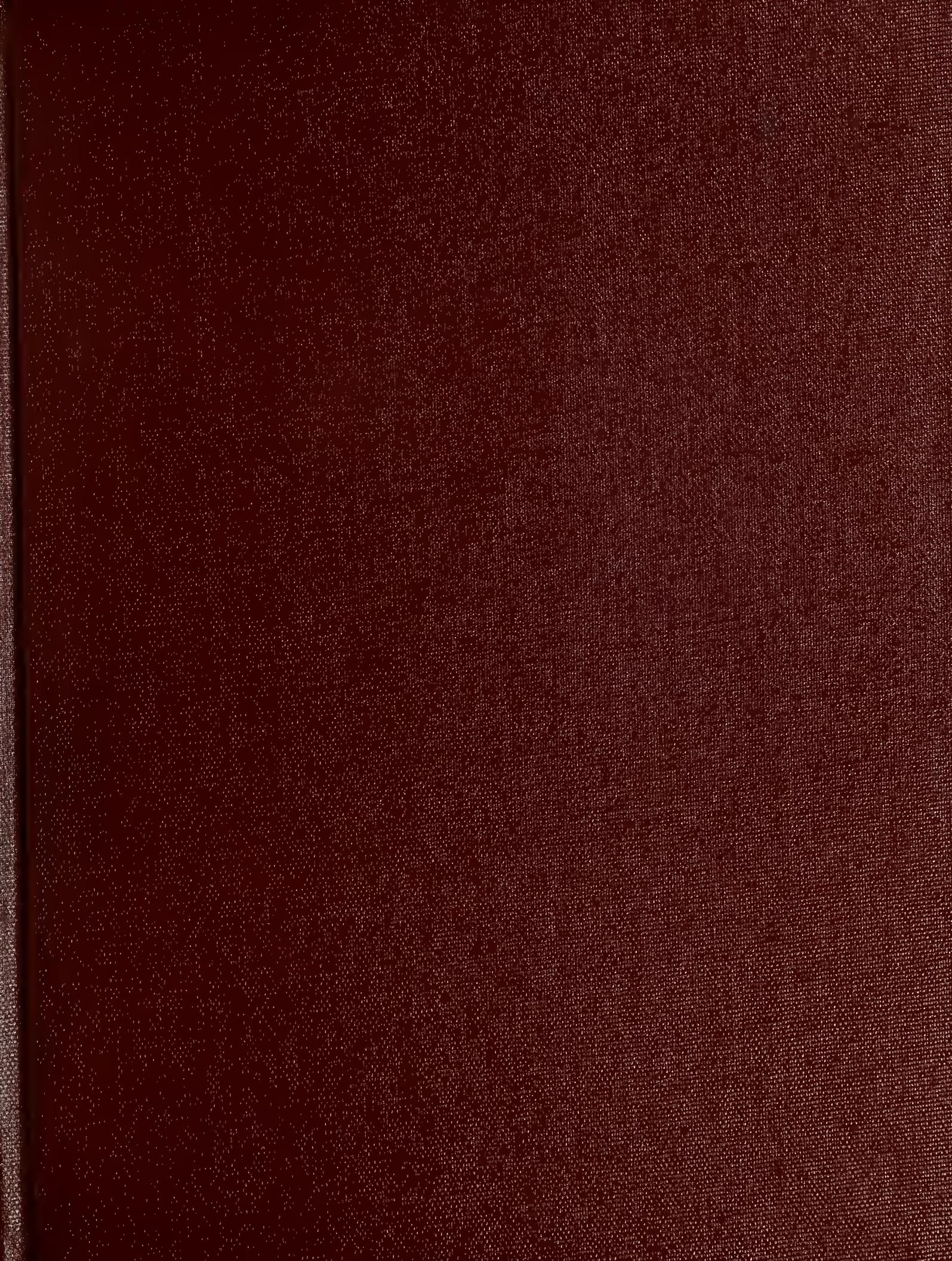


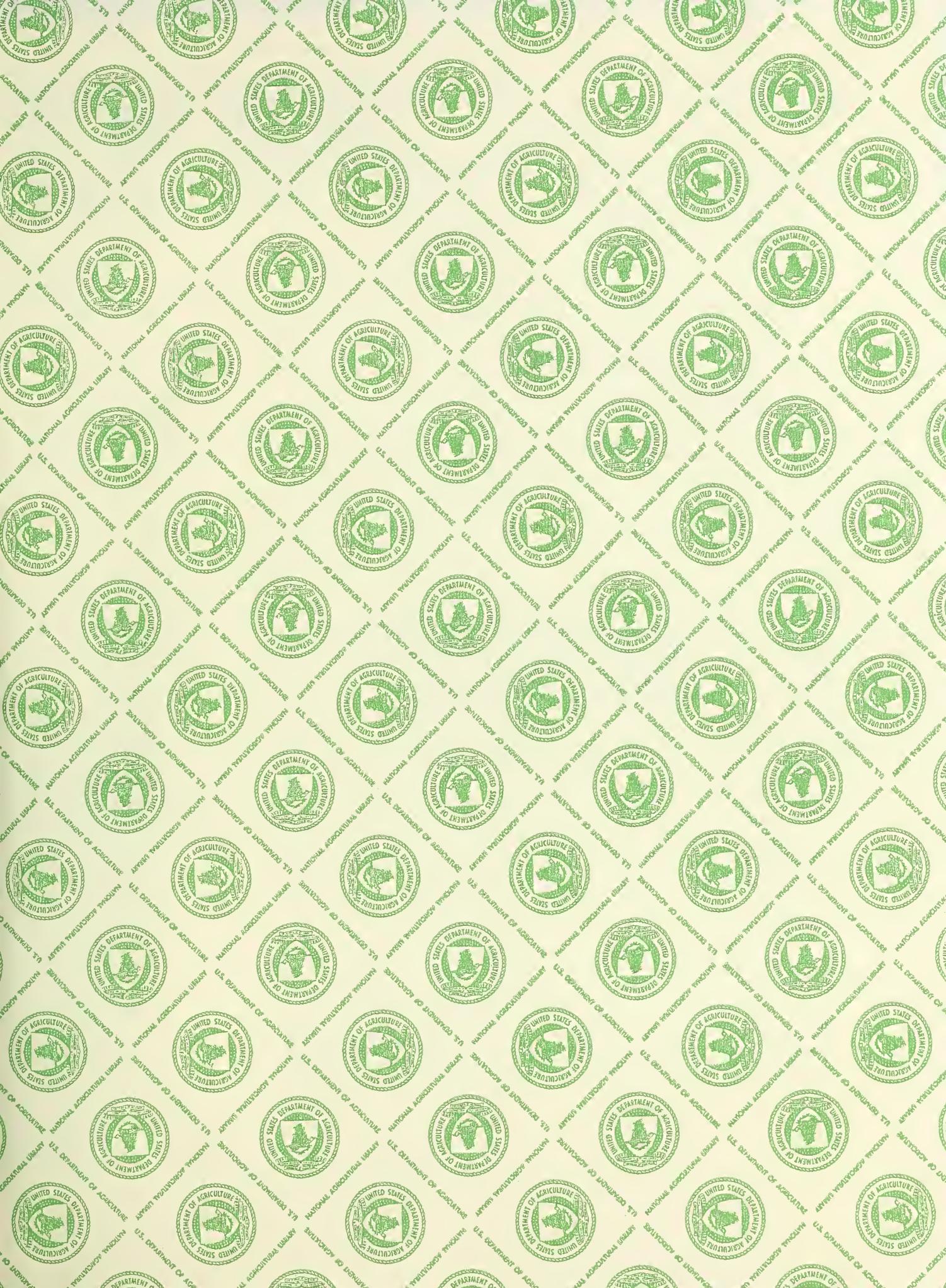
## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.









Document Delivery Services Branch  
USDA, National Agricultural Library  
Nat Bldg.  
10301 Baltimore Blvd.  
Beltsville, MD 20705-2351

U.S. Department of Agriculture  
National Agricultural Library  
Lending Branch  
Beltsville, Maryland 20705

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# AGRICULTURAL LIBRARIES INFORMATION NOTES

ESCS REFERENCE RECEIVED

National Agricultural Library

U.S. Department of Agriculture  
Beltsville, Md. 20705

ISSN: 0095-2699  
Volume 9, Number 1/2  
January/February 1983

## NATIONAL LIBRARIES - NATIONAL NECESSITIES

By Patricia W. Berger  
Chief, Library and Information Services Program  
U.S. National Bureau of Standards  
Gaithersburg, MD

MAR 3 1983

U.S. Department of Agriculture  
ESCS Reference Center

500-12th St., S.W., Rm. 147  
Washington, D.C. 20250

I am particularly pleased to be asked to speak at this year's NAL Awards Ceremony for several reasons. First, 1982 marks your 20th year as the titled national information resource for the agricultural sciences and technologies in this country. My congratulations to you all for having completed two successful--if highly turbulent--decades of building and serving. My second reason is that it is an honor to participate in a ceremony convened to recognize superior achievers, who are themselves part of a larger staff noted for its competence and accomplishment. The field of librarianship advances and prospers each time one of us succeeds to unusually beneficial professional or technical accomplishment. Each of you has contributed to the unanimous opinion expressed by those users who told the NAL Blue Ribbon Interagency Panel that this library is "a valuable national resource," one which must be maintained "for all user groups and libraries."

My own library career spans a time when the practice of librarianship in the Federal Government has undergone profound change, both technologically and politically, in a library of an organization which contracted to agencies of the Federal Government, chiefly, the Department of Defense. In those days, many such libraries were at the forefront of experimentation with some of the newer technologies. Several years later, I went to work in a Federal library, just at the time that community was on the verge of logging major accomplishments in computerized information storage and retrieval. Indeed, the automation efforts of the three national libraries, namely Library of Congress (LC), National Library of Medicine (NLM), National Agricultural Library (NAL), and the NASA Space Program were beginning to benefit all U.S. libraries in profoundly new and useful ways. Throughout this period of the 50's, 60's and early 70's, moving between the public and the private sectors was relatively easy and certainly not unusual. Nor was there any discomfort in either camp because the Federal library community had assumed a major leadership role in nationwide library development. The siege mentality and philosophical polarization which presently afflicts both the public and the private sectors simply did not exist then. Indeed, the building of systems like the National Library of Medicine's MEDLINE and National Aeronautic and Space Administration's RECON represent efforts the

Federal Government undertook in congenial partnership with experts from the private sector. I believe that the mutually supportive interdependence of such public and private working partners accounts for the continued success of those early systems.

Unfortunately, the former climate of cooperation and mutual respect no longer exists—it has fallen prey to a series of economic and social imperatives which have culminated in what I would call the "either-or" approach to problem-solving and management—either you can or should do it unilaterally and completely, or else you cannot/ought not to do it at all. Either the Government should be responsible for, and sole operator of, a specific endeavor or it shouldn't. Such a philosophy is characterized by a mind-set which rarely if ever submits to compromise and negotiation. Rather, it holds that "black-is-black and white-is-white and there are no shades of grey." One result of this approach, when applied to the affairs of Government, is the "bad press for Federal employees."

There appears at present minimal probability of returning to those earlier "good old days," when Federal libraries in general prospered and the three national libraries specifically were aided by both the Executive and the Congress, and were encouraged to extend their influence and assistance to libraries and library users everywhere. Since times have changed so drastically, how can our national libraries best weather today's climate of political manipulation and distrust of civil servants, fundamental reevaluation and recasting of the roles and mission of Government, and radical realignment of our national priorities?

In order to speculate on one possible strategy, it is necessary first to identify those essential functions which all national libraries must satisfy. K. W. Humphrey's list, which was first published in 1966, is still useful, even though technology has altered some of the delivery methods those functions now employ. Humphrey identified six functions as "fundamental" to the role of a national library. They include:

Providing the outstanding general collection of the nation's literature.

Serving as the central depot to ensure systematic collection of published material in that nation.

Publishing a current national bibliography and a union list of periodical holdings.

Serving as a National Bibliographic Information Center.

Publishing catalogues of the content of the library.

Exhibiting the library's collections for the information and benefit of the people as a whole.

In the United States, these six functions are satisfied by the combined programs, activities, and talents of our three national libraries. Collectively, they assume availability of the best and most comprehensive array possible of information resources and services to the people of the United States and, to a lesser degree, to the international community as well. Indeed, these three institutions represent a national treasure of incalculable value. All three must continue to be preserved and supported at all costs. The United States occupies a leadership role in both agriculture and health sciences. That dual leadership role is now and will continue to be directly dependent on the maintenance of substantial national library collections and services in both areas; libraries properly supported and adequately staffed by the Federal Government. For this reason, comprehensive collection and dissemination of information in both the health and agricultural sciences must continue, and must also accelerate. Such efforts must not be distracted by irrelevant discussion regarding their "relative" cost-worthiness or by similar attempts to subvert their national status and intent.

I doubt that many of you would quarrel with Humphrey's list or my comments on his list thus far. Now, I will share with you this Federal librarian's view of one aspect of the present national library scene, an aspect which I believe needs to be better understood and supported.

As a Federal library manager, I am keenly aware of my library's heavy dependency on the products and services of our national libraries. Every time a National Bureau of Standards cataloger or technician "hits" an LC generated MARC record in the OCLC database, I save money, because that's one less record we have to produce from "scratch." Every time an information services librarian pulls a relevant environmental pollution record from "AGRICOLA" I make money, because NAL has made it possible for my library to supply an NBS scientist relevant material in minimal time and, therefore, at minimal cost. For these reasons, I would add a seventh, equally fundamental and indispensable function to those Humphrey identified previously, namely:

Providing major components of the bibliographic infrastructure required to undergird and sustain cooperative networking among a nation's libraries.

I consider this function to be every bit as essential as the other six. Therefore, I am nervous about some of the superficial debates and discussions I hear, regarding the "appropriate" turfs of public and private sector information enterprises and the "proper" role of Government libraries. There appears to be zero general recognition and comprehension of the immense contributions of our national libraries to the essential networking architecture upon which all library and information networking, public and private, must depend.

Today, libraries and library users of all types throughout our society benefit directly, immediately, and daily from the output and services of our national libraries and document depositories.

Nevertheless, the question of contracting-out a depository like the National Technical Information Service (NTIS) persists, and continues to be debated quite seriously. If NTIS is fair game, how soon might one - or maybe two - of our national libraries be fair game also? You and I know, as do our sophisticated colleagues in the private sector, that the entrepreneur who expects to make a profit from running any kind of library, . Federal or otherwise, is in for a rude awakening - unless of course he is paid in excess of what it costs to operate the library under its present auspices or else is permitted to curtail the numbers, kinds, or quality of the resources and services the library provides. You and I also know that it is not possible to assign a cost figure or a price tag to the records, services, and skills the national libraries have provided and continue still to provide the commercial vendors of information systems, as well as the major library networks and the bibliographic utilities. It is this indispensable infrastructure, generated and sustained in large measure by our national libraries, which makes effective, interdependent networking and cooperation by all types of libraries from coast-to-coast possible and affordable. Yet the need for such an infrastructure is at present ill-defined, poorly understood and, therefore, vulnerable to misinterpretation and oversight.

In its report to the Secretary of Agriculture, NAL's Blue Ribbon Panel recommended "the establishment of the National Agricultural Library Advisory Council" to "advise the Secretary on general matters of library and technical information policy." In my opinion, this represents merely the tip of the tip of the iceberg. What is needed also is a national libraries advocacy council, to advise the President and the Congress on broad, general policy matters regarding the roles and responsibilities of our national libraries, with special emphasis on their networking roles and responsibilities. It is time to recognize and underscore the indispensability of our national libraries to those citizens and enterprises who must depend on our library networks to satisfy their information needs. It is time also to better articulate and support the unique, irreplaceable services each renders all libraries, their users and, therefore, the nation.

If I examine present government and nongovernment organizations which might be expected to create or support such an advocacy council, I can identify three potential candidates, namely, the National Commission on Libraries and Information Science (NCLIS), the successor-task force to the 1979 White House Conference on Libraries and Information Service (WHCLIS), and the Library of Congress's Network Advisory Committee (NAC). But if I examine the track-records of each of these organizations and also the roles they have carved out for themselves, I have to say that, with the possible limited exception of LC's NAC, so far, each has taken the networking contributions of the national libraries for granted; indeed, the written records of all three assume that those contributions are immutable "givens," which can be expected to continue for all time. None of the three has felt it necessary to assure that these fundamental contributions be

recognized for what they are, in order to assure that they are supported and sustained in the future. Perhaps such an effort is not an appropriate undertaking for any of the three organizations -I am not the judge of that. Nevertheless, I am left with concern about what I perceive to be an urgent, unfilled need, the need to assure that our national libraries can and will function and flourish in both good times and bad. For this reason, I believe a broad-based advocacy council, representing the interests of all the people in our national libraries is essential.

I recognize that there are those who are critical of the concept of a national information policy and of any governmental action taken as the result of such policy. I know that many of these critics have leveled and continue to level their pot-shots at our national libraries whenever they actively attempt to fulfill their national responsibilities. However, I also know that many of these same folks would be dead in the water if institutions like NAL stopped doing the things you do for us now. It is time to make these facts of life well-known at the highest levels of our Government.

I would remind you that a government which voluntarily relinquishes, diminishes, or otherwise loses control of its major levers and channels of information transmission and transfer cannot function for long as the elected representative of a people. I remind you also that the national libraries bear a heavy responsibility in this regard. First, you must work to assure that when the present economic and political urgencies are mere memories, the information capabilities and resources which are properly a part of government structure are indeed still integral to it. Second, you must assure that the services and products the rest of us must have to continue our nationwide library cooperative activities are still intact, in place, and affordable.

---Condensed from the keynote address  
given at the NAL Awards Ceremony,  
October 28, 1982

Please note the following corrections to the article on Adult Extension Records in last month's AGRICOLA column: Although NAL tags these records as "ADU" in MARC field @910, subfield a on its sale tape, DIALOG loads the records as though they were normal extension records in its "SF" index. Users who are not especially concerned with limiting their retrieval to only ADU materials might wish to "and" their subject sets with a simple "SF=EXT".

## BROADCAST MATERIAL FROM THE USDA

In response to continuing requests from broadcast media the U.S. Department of Agriculture produces a variety of materials which are adaptable to several types of programing on radio and television. These range from farm shows to programs for consumers, women's interest programs, and general news and commentary. Department officials at all levels, scientists, economists, and specialists participate in these productions.

If you are interested in sampling any or all of these items, ask for copies for audition. If you are already familiar with our productions, we will be pleased to begin immediate mailing of available materials you feel will be useful.

**CONTACT:** Jim Johnson  
Radio & Television  
Office of Governmental &  
Public Affairs, Rm. 411-A  
U.S. Dept. of Agriculture  
Washington, D.C. 20250  
Phone: 202/447-4330

### TELEVISION

**"A BETTER WAY"** A 28:45 minute weekly, magazine-format with instudio and field segments, consumer-information program. Topics cover a broad range of subjects including home gardening, cooling, nutrition, environmental quality, energy, conservation, and home improvement. Available on 2-inch videotape or 3/4-inch videocassette.

**"DOWN TO EARTH"** A daily 4:25 minute (3:30 without open/close) feature covering items of specific interest to farmers, rural citizens, and agri-business. Subjects include agricultural research, management, economics, and policy. Available on 2-inch videotape or 3/4-inch videocassette.

**USDA SATELLITE TELEVISION NEWS** A biweekly service of 5-7 news actualities transmitted alternate Fridays (January 28, February 11,

25 etc.) 10:30 - 10:45 a.m. on Westar IV, transponder 11-D schedule c subcarrier 6.8.

**"AGRICULTURAL UPDATE"** A 4 1/2 minute news format report on farm production programs, export news, production outlooks, and other USDA subjects. Available on 2-inch videotape and 3/4-inch videocassette.

**TV FILM NEWSFEATURES** These newsfilm stories are mailed as they become available to stations requesting them. Most are 1 to 1 1/2 minutes in length, but some are longer. Mostly, reports are filmed on location, narrated, and include sound effects. Among subjects covered are agricultural research and marketing, consumer interest topics, rural development, nutrition, conservation, forestry, and environment.

**"EMS TELEVISION NEWS SERVICE"** A monthly package of newsfeatures and short actualities designed to drop into newscasts or magazine format programs, coverage of agricultural outlook and situation, crop and livestock production and economic news and the impact of these events on the agricultural community. Available on 2-inch videotape or 3/4-inch videocassette.

### TELEVISION PUBLIC SERVICE ANNOUNCEMENTS

Periodically public service announcements are issued on subjects of current interest to the general public. Food safety and nutrition are frequent subjects.

### NEWSLETTER

**FARM BROADCASTERS LETTER** A weekly summary of significant developments within the Department, plus news of farm broadcasters and their activities. Also included are listings of new materials and services available from this office. Four page folder 8 1/2 x 11-inches, mailed Fridays.

### RADIO

(All tapes 7 1/2 ips, full track, return basis under station's postage costs.)

**CONSUMER TIME** A weekly series of six programs (2 1/2-3 min. each) featuring food, marketing, clothing, pest control,

gardening, and many other topics of interest to consumers. Cue sheet provided. Mailed Wednesday. Produced regularly since 1966.

AGRI-TAPE/FARM PROGRAM REPORT A weekly reel of five programs (1-3 min. each) including a USDA news summary, interviews, etc., for use within broader format shows. Cue sheet provided. Mailed Tuesday. Produced regularly since 1957.

AGRICULTURE USA A weekly 13 1/2 minute documentary program. Wide range of subjects aimed at general public. Cue sheet provided. Mailed by Monday. Produced regularly since 1954.

HISPANIC INFORMATION SERVICE A weekly reel of at least 4 programs. Programs vary in length from 30 seconds to 5 minutes. Content aimed at concerns of Hispanic audience (food stamps, loans, nutrition, etc.). Cue sheet provided. Mailed Thursday. Started in 1979.

USDA RADIO NEWS SERVICE A continuous 24 hour offering of one to six spot news items, many with actualities. Each story is limited to 60 seconds. Stories are changed at 4:30 p.m. Eastern Time, Monday through Friday, except holidays. Regular service since 1969. CALL-IN NUMBERS: 202-488-8358 or 8359.

#### RADIO SCRIPTS

RADIO HOME FEATURES A monthly script service featuring a variety of short items on consumer subjects. Popular with on-mike personalities and consumer programmers.

RADIO PUBLIC SERVICE SPOTS Periodically, spots of 10, 20, 30 and 60 seconds length are issued on subjects including food safety, conservation, nutrition, foreign travelers' tips (plant quarantine), etc. Some humorous and some with sound effects. 

#### A CELEBRATION OF BIRDS: LOUIS AGASSIZ FUERTES AND HIS ART

The National Academy of Natural Sciences, in Philadelphia has organized the first major retrospective exhibition on an artist many people consider America's greatest bird painter. Drawing on public and private collections from across the country, the approximately 100 - piece exhibition reveals the full range of Fuertes' interests and talents. While parts of the exhibition focus on Fuertes as field naturalist, explorer, and family man, others trace his development as an artist, coupling for the first time his field studies and preliminary drawings with final works.

Birds are, of course, the major focus of the exhibition; however, there are also representative paintings of mammals, insects, and ethnographic specimens made during the artist's expeditions to Central and South America and Africa.

The exhibition is being circulated by the Smithsonian Institution Traveling Exhibition Service, Washington, D.C. and is scheduled to be shown at the following locations.

#### 1983

Feb. 5-April 3: New Britain Museum of American Art  
New Britain, CT

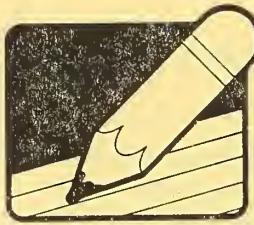
April 30-June 26: Field Museum of Natural History  
Chicago, IL

July 23-Oct. 2: American Museum of Natural History  
New York, NY

#### 1984

March 31-May 27: Dallas Museum of Natural History  
Dallas, TX

Sept. 15-Nov. 11: Columbus Museum of Arts & Sciences  
Columbus, GA 



# NEW PROJECTS AND POLICIES

## USING REPRINTS FOR DOCUMENT DELIVERY

Scientists have long followed the custom of requesting reprints of scientific and technical articles from authors. The National Agricultural Library decided, because of current staffing and budgetary restrictions, to examine this method of obtaining documents and to begin requesting reprints as a means of completing requests from USDA employees for materials not available in the NAL collection.

This step was taken to find alternatives in document delivery in the face of reduced professional and support staff who identify publications and verify citations. Many of the document requests are for recently published proceedings of symposia or conferences for which holdings information is not yet available in the standard bibliographic sources (OCLC, *National Union Catalog*, *New Serial Titles*, etc.). Since identifying institutions who own publications that are not listed in the standard sources is a time consuming activity, often with little success, alternative methods to fill requests were sought. Reprints seemed to be a possibility since several major abstracting and indexing data bases include the senior author's address with the citation and these addresses appear on the computer printouts which USDA employees submit as requests.

USDA reprint request cards were sent out to authors for publications for which no alternative source had been located in the standard bibliographic tools. The only exception was to the Soviet Union since such requests are coordinated under a special program.

There were two objectives in requesting reprints:

1. To provide the document to the requestor in the fastest time possible. It was felt that immediately requesting a reprint would be faster than holding requests until nonstandard sources could be consulted or possible holding institutions queried.
2. To determine if the address as it appears on the NAL Current Awareness Literature Service (CALS) printout would be sufficient to request reprints since many of these addresses are very abbreviated. In some data bases more details of the address appear in the printed publication than appear on the CALS forms (e.g., the street address and country of publication appears in *Chemical Abstracts (CA)* but not on CALS forms).

The project was successful in regard to the number of reprints received as shown below.

Total number of reprints requested December 1981 - May 1982: 256  
Number of reprints received as of June 30, 1982: 191  
Percentage received: 75%

Over two-thirds of the requests were sent to countries other than the U.S.

An additional 4% of the reprint cards were returned with notations that the article was not available, the author had moved, or the address was insufficient.

Delivery time recorded for a sampling of 45 requests was as follows:

Number of days from request to completion:		
Range	Average	Median
8-61 days	26	20.5

Considering that the majority of the reprints were received from other countries, the response time was good. Reprints were received from at least 24 countries (excluding the U.S.) many as distant as Japan, Australia, and Fiji.

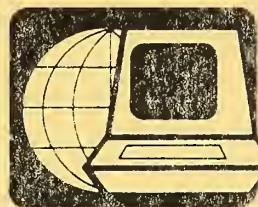
It was evident that the address as it appears on the printout from the CA data base was not adequate since only the city and not the author's country was given. For some cities, the country was not known and this required lookup. At first only the country was added. However, several requests sent to U.S. addresses were returned stamped "insufficient address." Therefore, it was decided that for commercial companies, private foundations, etc., the address would be augmented with the street address information from the printed CA. Because the volume and abstract number are included in the CALS citations, this is not a difficult or time-consuming task. Since some of this additional information has been added, no request cards have been returned because of insufficient address. (It should be noted that at the time this project began, NAL could not order publications directly from CA because prepayment was required.)

In addition to obtaining the documents, these benefits were noted:

1. Authors often sent other articles on the same subject.
2. If the citation was to an abstract of a paper presented at a conference, the author often sent the complete paper.
3. Entire publications which were not in the collection were obtained from several countries (particularly annual reports of experiment stations or agricultural ministries).
4. Articles were sent free of charge so that there was a savings of fees that would have been paid to institutions to provide photocopy.

The project demonstrated the feasibility of requesting reprints of articles from authors using the address as given in most data bases with minor additions to certain addresses.

--Jennie Brogdon, Head,  
Utilization Section, NAL  
(301) 344-3717



## AGRICOLA

Users are reminded that seven new subject category codes are being added to 1983 AGRICOLA input records. They should start seeing these codes beginning with records distributed in February 1983. The codes are as follows:

L810 Veterinary pharmacology, toxicology and immune therapeutic agents.

V00 Human parasitology

V820 Parasites of humans - general and miscellaneous

V821 Parasites of humans - insects and other arthropods

V822 Parasites of humans - helminths

V823 Parasites of humans - protozoa

X380 Human medicine, health and safety

Anyone still needing an updated Subject Category Code List may request a copy by writing to the Information Systems Division, NAL.

We have been informed that Systems Development Corporation (SDC) is taking the old 1970 - 1978 CAIN (AGRICOLA) file off their online system. A decision on putting the retrospective file back up, along with the current file, will be made at a later date.

--Joseph Judy, Chief  
Information Systems Division, NAL  
(301) 344-3813

## USDA AGRICULTURAL HANDBOOKS ON MICROFICHE

UPDATA Publications, Inc., Los Angeles, California has published an index to *Agricultural Handbook 1-540*, which provides a detailed, single-source access to the *Handbooks*. This index represents a part of a phased project by Updata which will eventually develop

*The UPDATA Index to U.S. Department of Agriculture Agricultural Handbooks Number 1-540.* Indexed by Julie Moore. Editors Sara K. Ferguson and Herbert Sclar. Los Angeles, CA, Updata Publications, Inc., 1982. 80 p. \$49.50. ISBN 0-9607840-0-4. Order from Updata Publications, Inc., 1746 Westwood Blvd., Los Angeles, CA 90024.

into a complete agricultural information system, encompassing all documents issued by the U.S. Department of Agriculture since its inception in 1862.

Each phase of this project begins with publishing a specific series of USDA documents on microfiche. Subsequently, a hardcopy index is issued for the series filmed. Indexes will be cumulated every 5 years. Indexes may be purchased separately from the microfiche. The indexing data is in machine readable form but tapes are not available to be used as adjunct files to established data bases. The final phase of this project will be the establishment of a database to be accessed through commercial online vendors. This will be a unique system of agricultural information with each index entry backed up by a document available on microfiche. The National Agricultural Library has a complete set of microfiche of USDA documents filmed by Updata. The following USDA series have been filmed and may be purchased from Updata:

(AG0010) Agricultural Handbooks 1-540  
1114 microfiche. \$1,400.

- (AG0020) Home and Garden Bulletins 1-225  
221 microfiche. \$275.
- (AG0030) Farmers' Bulletins 1-2258  
817 microfiche. \$1,000.
- (AG0040) Yearbook of Agriculture 1894-1978  
713 microfiche. \$900.
- (AG0050) Department Bulletins 1-1500 (1913-1929) 1611 microfiche. \$2,000.
- (AG0060) Statistical Bulletins 1-625  
1032 microfiche. \$1,300.
- (AG0070) Agricultural Statistics 1936-1978  
316 microfiche. \$4.00
- (AG0301) Agricultural Economic Reports  
1-423 (1961-April 1979) q. 490  
microfiche. \$500.
- (AG0302) Agricultural Economics Research  
1-31, 2 (1949 to 2nd quarter 1979) q.  
120 microfiche. \$125.
- (AG0303) Economic Research Service 1-665  
(April 1961-January 1978) irr. 738  
microfiche. \$750.
- (AG0304) Economic Research Service-Foreign  
1-395 (May 1961-October 1974) irr. with  
some number gaps. 422 microfiche. \$425.
- (AG0305) Foreign Agricultural Economic  
Reports 1-153 (August 1961-September 1978)  
irr. 212 microfiche. \$225.
- (AG0306) Farm Index 1-17 (October 1962-  
December 1978) m. 194 microfiche. \$200.
- (AG0307) Foreign Agricultural Trade - U.S.  
(August 1962-June 1979) m. 241  
microfiche. \$250.



### Department of Agriculture Could Do More to Help Farmers Conserve Energy

Report by the Comptroller General of the United States. Washington, D.C., U.S. General Accounting Office, 1982. 37 p. Request from U.S. General Accounting Office, Document Handling and Information Services Facility, P.O. Box 6015, Gaithersburg, MD 20879. Telephone (202) 275-6241. 1-5 copies free; additional copies \$1.00 each; 25% discount for 100 or more copies mailed to a single address. Check should be made out to the Superintendent of Documents.

## NATIONAL ENERGY INFORMATION CENTER

The Energy Information Administration (EIA) is required by the Department of Energy Organization Act of 1977 to collect and distribute unbiased energy information to Congress and the public independent of those who determine energy policy.

The National Energy Information Center is located at 1000 Independence Avenue, S.W., Room 1F-048, Washington, D.C. The Federal Energy Data Index, FEDEX, the bibliographic retrieval system of EIA, currently includes indexes to 389 publication titles and 2,541 references to graphs and tables. FEDEX can be accessed by Government employees through the DOE/RECON system provided by the Technical Information Center. Other users can access FEDEX through the BRS USERLINE systems provided by Bibliographic Retrieval Services, Inc. FEDEX is also available through National Technical Information Service, Springfield, VA.

Prepublication energy statistical information is available through DATALINE by calling (202) 252-8853. DATALINE is updated every Friday with pre-publication energy statistics from *Weekly Petroleum Status Report*, *Weekly Coal Introduction Report*, and unusual developments from other publications.



## FOREIGN ANIMAL DISEASE REPORT

Animal and Plant Health Inspection Service (APHIS) announced plans in May 1982 to reactivate the *Foreign Animal Disease (FAD) Report* that was first published by Emergency Programs, Veterinary Services, Animal and Plant Health Inspection Service (APHIS), during the period January 1972 to October 1979. The new series will be published quarterly. The FAD Report is intended to help provide up-to-date reviews and status reports on economically significant diseases of livestock and poultry foreign to the United States.

Distribution will include APHIS foreign animal disease diagnosticians, veterinary services regional directors, area veterinarians in charge, key headquarters personnel, professors of infectious diseases courses in U.S. colleges of veterinary medicine, and various other individuals and agencies who cooperate with APHIS in planning for and responding to exotic animal disease emergencies. Persons who are not included in this distribution, but wish to be placed on the mailing list should contact:

Dr. Edwin I. Pilchard  
USDA, APHIS, VS, EP  
6505 Belcrest Road  
Room 761, Federal Building  
Hyattsville, MD 20782  
Telephone (301) 436-8087

## JOURNALS OFFERED AS GIFT

The volumes listed below are offered by the owner as a gift, preferably to an educational institution where the books will become part of a permanent research collection. The volumes are bound in library buckram for standard library usage with the title, dates, volumes and page numbers imprinted on the covers in gold leaf. For further details, please contact Richard L. Lehman, 6425 Kenhowe Drive, Bethesda, MD 20034; telephone: 301-229-3264 evenings or weekends or 301-763-8227 business hours.

NUCLEAR SCIENCE ABSTRACTS: Volume 15 (1961) through volume 33 (1976)  
82 bound and 40 unbound volumes,  
including all issues and a complete set of indexes.

RADIATION RESEARCH: Volume 22 (1964) to date (1982)  
40 bound and 4 unbound volumes  
including all issues and indexes.

BIOPHYSICAL JOURNAL: Volume 7 (1967) to date (1982)  
34 bound and 2 unbound volumes  
including all issues and indexes.

PHOTOCHEMISTRY AND PHOTOBIOLOGY:  
Volume 19 (1974) to date (1982)  
13 bound and 4 unbound volumes  
including all issues and indexes.



THE EUNICE ROCKWOOD OBERLY MEMORIAL  
AWARD OF THE AMERICAN LIBRARY  
ASSOCIATION

The Eunice Rockwood Oberly Memorial Award perhaps is the only public national recognition offered for bibliographic efforts in the field of agriculture or related sciences. Bibliographies submitted for award consideration are judged on accuracy, scope, usefulness, format, and special features such as: explanatory introductions, annotations, and indexes.

At present, the award is administered by the Science and Technology Section, ACRL of the American Library Association. The selection is made by The Eunice Rockwood Oberly Memorial Award Fund and is presented biennially during the Annual Conference of the American Library Association to the American citizen(s) whose bibliography is judged the best.

Miss Oberly spent her entire professional career in the U.S. Department of Agriculture (USDA). Following her graduation in 1900 from Vassar College, Miss Oberly reported for duty with the USDA Bureau of Animal Industry (BAI). After a few years of bibliographical work with BAI, she was appointed the Librarian of the Division of Vegetable Physiology and Pathology.

In 1908, the Division and the Office of Botanical Investigations, were consolidated to form the Bureau of Plant Industry. Miss Oberly was appointed the Bureau Librarian, a position which she held until her untimely death on November 5, 1921. Her highly specialized contributions to bibliography were devoted almost entirely to phytopathological subjects.

Miss Oberly was intensely interested in promoting greater cooperation and efficiency among government libraries. Her ardor and devotion to this cause as representative from the Bureau of Plant Industry to the Congressional

Joint Commission on Reclassification of Government Employees was, in a large measure, responsible for a fairer recognition of library activities.

NOMINATIONS DEADLINE

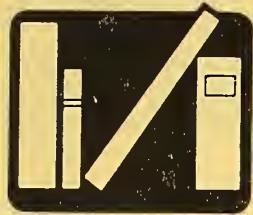
The OBERLY AWARD FOR BIBLIOGRAPHY IN THE AGRICULTURAL SCIENCES, awarded biennially by the Science and Technology Section of the Association of College and Research Libraries, will be presented at the 1983 American Library Association Annual Conference to the author(s) of the best bibliography published during 1981 or 1982 in the field of agriculture or the related sciences.

Nominations for the award will be evaluated on the basis of timeliness of the topic, comprehensiveness, accuracy, format, and indexing methods. The principal author, editor, or compiler must be a U.S. citizen.

Please submit nominations for the 1983 Oberly Award no later than March 1 to: Frank Polach, Oberly Award Committee Chair, Library of Science and Medicine, Rutgers University, P.O. Box 1029, Piscataway, NJ 08854. (201) 932-3850.

The award to perpetuate her memory was reliably and prophetically described in a letter to the National Research Council by Dr. L.R. Jones, Professor of Plant Pathology, University of Wisconsin; he wrote: "...Even more than laboratories or apparatus for new researches we need improved methods for making easily available the published results of researches already completed. It is singularly appropriate therefore, that the memorial to Miss Oberly should take such form as will continue this line of service wherein she herself, was so highly efficient."

The monetary value of this ALA/ACRL award is supplemented by the Council of Botanical and Horticultural Libraries and the Associates NAL, Inc. 



## NEW BIBLIOGRAPHIES

*4-H Youth Publications Bibliography: North Central and Northeastern States.* (Washington, D.C., Extension Service & National Agricultural Library, U.S. Department of Agriculture). 1982. 222 p. 1573 citations. Free. (Supply limited). Request from G.D. Paulsen, Extension Service, Program Development, Evaluation and Management Systems, 5th Floor, National Agricultural Library Building, Beltsville, MD 20705.

*Health Statistics: A Guide to Information Sources.* Frieda O. Weise. Detroit, MI, Gale Research Co., 1980. 137 p. (Health Affairs Information Guide Series v. 4). \$46.00. Order from Publisher. ISBN 0810314126. (NAL call no.: Z7553.M43W444 F&N-B-3165).

*Nutrition Education Resource Guide: An Annotated Bibliography of Educational Materials for the WIC and CSF Programs.* Compiled by E.C. McLaughlin, J. Randell, M. Mower, M.J. Kiefer. Food and Nutrition Information Center, Human Nutrition Information Service, U.S. Department of Agriculture, 1982. 146 p. (Bibliographies and Literature of Agriculture, No. 24). 346 citations. \$6.00. Order from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Stock no. 001-000-04307-2. Copies were mailed to all land-grant libraries.

*Nutrition Training Manual Catalogue for Health Professionals, Trainers, and Field Workers in Developing Countries.* Ron Israel and Peter Lamptey. International Nutrition Communication Service, 1980. 102 p. 116 citations. Price unavailable. Order from Ms. Gayle Gibbons, Clearinghouse on Infant Feeding and Maternal Nutrition, American Public Health Association,

1015 Fifteenth Street, N.W., Washington, D.C. 20005. (NAL call no.: Z5814.F7N89-E-3861).

*Selected Bibliography of Recent Economic Development Publications: July 1, 1980-June 30, 1981.* Compiled by the Graduate Program in Economic Development, Vanderbilt University. Nashville, TN, 1981. 134 p. App. 1995 citations. Price unavailable. Order from Publisher, Nashville, TN 37235. (NAL call no.: Z7164.E2V3).

*Small Farm Weed Control: An Annotated Bibliography.* J.A.F. Compton. London, Intermediate Technology Development Group, Corvallis, OR, International Plant Protection Center, Intermediate Technology Publications (Distributor), 1982. 170 p. 300 citations. \$11.00. Order from Intermediate Technology Publications, LTD, 9 King Street, London WC2E8HM/U.K. (NAL call no.: Z5354.W44C64).

*Snack Foods: Processing and Packaging (Jan. 72 - Oct. 81): (Citations from the Food Science and Technology Abstracts Data Base).* New England Research Application Center (Storrs, CT). Springfield, VA, National Technical Information Service, 1981. 1 v. (various pagings). 155 citations. Price Code PC N01 MFN01. Order from NTIS, Springfield, VA 22161. (NAL call no.: Z7914.F63S62).

*Venezuelan Equine Encephalitis (Jan. 70 - May 81): (Citations from the NTIS Data Base).* New England Research Application Center (Storrs, CT). Springfield, VA, National Technical Information Service, 1981. 1 v. (various pagings). 27 citations. Price Code PCN01 MFN01. Order from NTIS, Springfield, VA 22161. (NAL call no.: Z6674.V42).

*World Literature on Reclamation & Management of Salt Affected Soils (1950-1981).* K.N. Pahwa and I.C. Gupta. New Delhi, Associated Pub. Co., 1982. 352 p. 811 citations. \$50.00. Order from Publisher. (NAL call no.: Z5074.S65P33).



## BIBLIOGRAPHIES AND LITERATURE OF AGRICULTURE

The U.S. Department of Agriculture established a departmental series for bibliographies at the request of the National Agricultural Library in 1978. The projected subject of a bibliography to be published in this series is cleared by a publications officer in the Library prior to compilation. Copies of all bibliographies in this series, unless otherwise noted, are available for consultation at the Library (call no.: Z5076.A1.U54) or copies may be requested from:

Publications Center  
Office of Governmental & Public Affairs  
U.S. Department of Agriculture  
Washington, D.C. 20250  
as long as the supply lasts.

BLA-1: *Bibliography of Agricultural Bibliographies*, 1977. Charles N. Bebee. Beltsville, MD, National Agricultural Library, 1978. 3434 p.

BLA-2: *Aquaculture and Hydroponics: 1968-1978*. Charles N. Bebee. Beltsville, MD, National Agricultural Library, 1979. 71 p.

BLA-3: *Agriculture of the American Indian: a Select Bibliography*. Cecil Harvey. Beltsville, MD, Economics, Statistics, and Cooperatives Service, 1979. 64 p.

BLA-4: *Sorghums and Millets Bibliography, April 1976-August 1978*. Charles N. Bebee. Science & Education Administration, 1979. 186 p.

BLA-5: *Energy for Agriculture - a Computerized Information Retrieval System*. Technical Information Systems, 1979. 408 p. 2613 citations.

BLA-6: *Bibliography of Economic Regulation of Agricultural and Nonagricultural Industries, 1960-79*. Winston W. Grant and Dale C. Dahl. Economics, Statistics, and Cooperative Services, 1980. 50 p. 40 citations.

BLA-7: *Wood and Energy in New England; a Review and Bibliography*. Lynn Palmer, Robert McKusick, and Mark Bailey. Natural Resources Division; Economics, Statistics, and Cooperative Service, 1980. 71 p. 130 citations.

BLA-8: *Reclamation and Revegetation of Land Area Disturbed by Man; an Annotated Bibliography of Agricultural Research, 1972-80*. R.F. Follett. Science and Education Administration, Agricultural Research, 1980. 55 p.

BLA-9: *Review and Evaluation of Urban Flood Flow Frequency Procedures*. Walter J. Rawls, Virginia Strickler, and Ken Wilson. Science and Education Administration, 1980. 62 p. 128 citations.

BLA-10: *Rooting Habits of Selected Commercial Tree Species of the Eastern United States, a Bibliography*. Penninah Smith and Leanne Every. Forest Service, 1980. 59 p. 1360 citations.

BLA-11: *Bibliography for Small and Organic Farmers, 1920-78*. J.W. Schwartz. Science and Education Administration, 1981. 237 p. 1176 citations.

BLA-12: *Grain Dust Abstracts*. Fang S. Lai. Science and Education Administration, 1981. 28 p. 61 citations.

BLA-13: *Bibliography and Keyword Index of the Biting Midges (Diptera: Ceratopogonidae)*. William R. Atchley, Willis W. Worth, Charles T. Gaskins, and Sandra L. Strauss. Science and Education Administration, 1981. 544 p.

BLA-14: *Economics of Agricultural Pest Control: an Annotated Bibliography, 1960-79*. Craig D. Osteen, Edward R. Bradley, and L. Joe Moffit. Natural Resources and Economics; Economics and Statistics Service, 1981. 53 p. 123 citations.

BLA-15: *A Selective Bibliography on Insects Causing Wood Defects in Living Eastern Hardwood Trees*. C. John Hayward and J.D. Solomon. Forest Service, 1981. 34 p. 822 citations.

BLA-16: *Structure of U.S. Agriculture Bibliography*. Ronald C. Wimberly and Charles N. Bebee. Science and Education Administration, 1981. 514 p.

BLA-17: *Bibliography of Psylla (Homoptera: Psyllidae) on Pear Trees*. G.J. Fields, R.W. Zwick, and H.R. Moffitt. Science and Education Administration, 1981. 12 p.

BLA-18: *Storage of High-Moisture Grain Treated with Chemicals; a Bibliography*. Agricultural Research Service, 1982. 17 p. 1118 citations.

BLA-19: *Inputs Used in U.S. Farm Production, a Bibliography of Selected Economic Studies, 1950-80*. Thomas Spinks and Dale C. Dahl. Economics and Statistics Service, 1981. 162 p.

BLA-20: *English and Foreign Publications on Hops*. C.E. Zimmerman. Science and Education Administration, 1981. 89 p. 543 citations.

BLA-21: *A Survey of Recent U.S. Developments in International Agricultural Trade Models*. Robert L. Thompson. Economic Research Service, 1981. 74 p. 276 citations.

BLA-22: *Great Plains Irrigation, 1975-80; a Literature Review*. Curtis A. Everson and Rodney L. Sharpe. Economic Research Service, 1981. 69 p. 467 citations.

BLA-23: *Relationships of Birds and Spruce Budworms - Literature Review and Annotated Bibliography*. Hewlette S. Crawford, Jr. and Daniel T. Jennings. Forest Service, 1982. 38 p.

BLA-24: *Nutrition Education Resource Guide: an Annotated Bibliography of Educational Materials for the WIC and CSF Programs*. E.C. McLaughlin, J. Randell, M. Mower, and M.J. Kiefer. Food and Nutrition Information Center, Human Nutrition Information Service, U.S. Department of Agriculture, 1982. 148 p. 346 citations. \$6.00. For sale by Superintendent of Documents,

U.S. Government Printing Office, Washington, D.C. 20402. Stock no. 001-000-04307-2.

BLA-25: *Directory of Aquaculture Information Resources*. National Agricultural Library, 1982. Distribution will be made to land-grant institutions and cooperators by F&SP/NAL. 

#### QUICK BIBLIOGRAPHIES

The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the NAL Reference Staff in response to customer requests.

Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length and probable value to a larger audience. All titles in this series will be listed for six months. Revisions or updates will be renumbered and reannounced. Only one copy of a title will be sent; however, requestors may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

Reference Branch, Room 111  
National Agricultural Library  
Beltsville, MD 20705

NAL--O.R.--82-18. *The 1980's Outlook for U.S. and Global Agricultural Production*. 222 citations from AGRICOLA. Searched by Mary E. Lassanyi. July 1982.

NAL--O.R.--82-19. *Minimum/Zero/Conservation Tillage, January 1979-May 1982*. 270 citations from AGRICOLA. Searched by Jayne T. MacLean. July 1982.

NAL--O.R.--82-20. *Remote Sensing: Applications for Agriculture, 1978-May 1982*. 250 citations from AGRICOLA. Searched by Maria Pisa. July 1982.

NAL--O.R.--82-21. *Computer Assisted Instruction for Agriculture, 1970-1982*. 154 citations from AGRICOLA. Searched by Maria Pisa. August 1982.

NAL--O.R.--82-22. *Organic Farming and Gardening - Revision 1970-1982*. 300 citations from AGRICOLA. Searched by Jayne T. MacLean. September 1982. Supersedes 80-27.

NAL--O.R.--82-23. *Wood Preservation: Wood Preservatives*, 1979-June 1982. 139 citations from AGRICOLA. Searched by Henry Gilbert. September 1982.

NAL--Q.B.--82-24. *Allelopathy: The Harmful Effects of Chemicals Produced By One Plant Upon Another*, 1979-June 1982. 131 citations from AGRICOLA. Searched by Henry Gilbert. September 1982. Updates 81-06.

NAL--Q.B.--82-25. *Jojoha*, 1979-June 1982. 100 citations from AGRICOLA. Searched by Henry Gilbert. September 1982. Updates 80-30.

NAL--Q.B.--82-26. *Pesticide Handbooks and Manuals*, 1979-1982. 35 citations from AGRICOLA. Searched by William Longenecker. September 1982. Revision of 80-08.

NAL--Q.B.--82-27. *Agricultural Trade: The United States and Japan*, 1970-1982. 162 citations from AGRICOLA. Searched by Maria Pisa. September 1982.

NAL--Q.B.--82-28. *World Grain Trade: Implications for the Future*, 1970-1982. 236 citations from AGRICOLA. Searched by Mary E. Lassanyi. September 1982.

NAL--Q.B.--82-29. *Double Cropping and Interplanting in the Temperate Zone, A Selected Bibliography*, July 1980-June 1982. 57 citations from AGRICOLA. Searched by Jayne T. MacLean. September 1982.

NAL--Q.R.--82-30. *Social, Structural, and Technological Changes in Agriculture*, 1975-August 1982. 206 citations from AGRICOLA. Searched by Mary E. Lassanyi. September 1982.

NAL--Q.B.--82-31. *Aviation in Agriculture*, 1979-1982. 268 citations from AGRICOLA. Searched by Sheldon Cheney. September 1982.

NAL--Q.R.--82-32. *Carcinogens and Toxins in Cooked and Smoked Meats*,

1970-1982. 40 citations from AGRICOLA. Searched by Sheldon Cheney. September 1982.

NAL--O.R.--82-33. *Mechanically Deboned Meat*, 1970-1982. 203 citations from AGRICOLA. Searched by Sheldon Cheney. September 1982.

NAL--Q.R.--83-01. *Selected Nitrogen-Fixing Trees: Energy Considerations*, 1970-1982. 186 citations from AGRICOLA. Searched by Jayne T. MacLean. October 1982.

NAL--Q.R.--83-02. *Poultry Wastes*, 1975-1982. 198 citations from AGRICOLA. Searched by Jayne T. MacLean. November 1982.

NAL--O.R.--83-03. *Agroforestry in the Third World*, 1970-1982. 70 citations from AGRICOLA. Searched by Jayne T. MacLean. November 1982.

NAL--Q.R.--83-04. *The International Aspects of Food and Agriculture*, 1970-1982. 167 citations from AGRICOLA. Searched by A. Skamay-Meeks. November 1982.

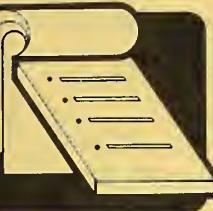
NAL--O.R.--83-05. *Women's Role in Farming and Agriculture*, 1970-August 1982. 166 citations from AGRICOLA. Searched by A. Skamay-Meeks. November 1982.

NAL--O.R.--83-06. *Implications of Federal Government Regulation/Deregulation in Agricultural Policies*, 1970-August 1982. 179 citations from AGRICOLA. Searched by A. Skamay-Meeks. November 1982.

NAL--O.R.--83-07. *Guayule*, 1969-Sept. 1982. Supersedes 81-09. 68 citations from AGRICOLA. Searched by Jerry Rafats. December 1982.

NAL--Q.R.--83-08. *Rabbit Production for Food*, 1969-1982. 124 citations from AGRICOLA. Searched by Jerry Rafats. December 1982.

NAL--Q.R.--83-09. *Mechanical Harvesting of Crops*, 1979-October 1982. 228 citations from AGRICOLA. Searched by Sheldon Cheney. December 1982. 



## NEW SERIALS RECEIVED AT NAL

*Eta Biotechnologica. (Biotechnology Reports).* Berlin, Akademie-Verlag. x year. Vol. 1, no. 1, 1981- R856.A1A32

*Advances in Strawberry Production.* United States: North American Strawberry Growers Association. a. Vol. 1, Spring 1982- SR385.A34

*The Agri-Mark Journal.* North Andover, MA, Agri-Mark, Inc. bi.-m. Vol. 1, no. 1, August 1980- HD9275.A1A47

*Agricultural Magazine.* Kobenhavn, Usmandsforeninge. w. January 1982- 11H963

*Applied Botany Abstracts.* Lucknow, India, Economic Botany Information Service, National Botanical Research Institute. q. Vol. 1, no. 1, March 1981- SB107.A6

*Energy in Agriculture.* Amsterdam, Elsevier Scientific Publishing Co. q. Vol. 1, no. 1, November 1981- TJ163.5.A37E5

*Farm Inputs and Finance.* Ottawa, Information Services, Agriculture Canada. a. December 1980- HD9475.C2C2

*International Pigeonpea Newsletter.* Hyderabad, India, Distributed by: Pulse Improvement Program, ICRISAT. a. Vol. 1 (1981)- SR205.P515

*Time and Fertiliser Recommendations.* London) Ministry of Agriculture, Fisheries and Food, ADAS. irr. No. 1 1981- S643.L5

*N.I.S.T. Monthly, the National Source Guide for Interior and Exterior Plants.* Vol. 1, no. 1, July 1982- 89.00 per year (12 issues). Order

from L.I.S.T., Joseph Square Center, Room 218 Building A, 5485 Harpers Farm Road, Columbia, MD 21044; Toll free 1-800-638-LIST. NAL call no. not available.

*Montana Water Supply Outlook.* Bozeman, MT. United States Department of Agriculture, Soil Conservation Service and the Montana Agricultural Experiment Station. m. (except July-December). January 1, 1982- 1.96P31Fsmo

*NPIRS NEWS.* West Lafayette, Indiana, Purdue University. q. vol. 1, no. 1, November 1982-

"NPIRS" stands for National Pesticide Information Retrieval System. It is a computer-based data resource that contains information describing key characteristics of pesticide products registered by the U.S. Environmental Agency and participating state regulatory agencies. For further information contact Don Cress, Manager of User Services, NPIRS, Entomology Hall, Purdue University, West Lafayette, IN 47907. Telephone (317) 494-6614. NAL call no. not available.

*Nutrition and Health.* Berkhamsted, England, Academic Publishers. irr. Vol. 1, no. 1, 1982- RC620.A1N84

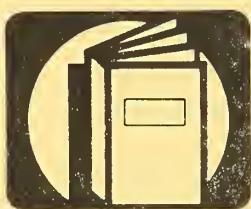
*Simental News.* Salisbury, Simmental Society of Zimbabwe. a. Vol. 1, no. 1, September 7, 1981- SF201.S55

*Software Review.* Westport, CT, Meckler Pub. s.-a. Vol. 1, no. 1, February 1982- QA76.6.S637

*Water Pollution and Management Reviews.* New Delhi, Madras, South Asian Publishers. a. 1981- TD420.W322

*World Maize Facts and Trends.* Mexico, D.F., Centro Internacional de Mejoramiento de Maiz y Trigo. irr. Rept. 1, 1981- HD9049.C7W6

*World Wheat Facts and Trends.* Mexico, D.F., Centro Internacional de Mejoramiento de Maiz y Trigo. irr. Rept. 1, 1981- HD9049.W3W6



## NEW PUBLICATIONS OF NOTE

*A Celebration of Birds; the Life and Art of Louis Agassiz Fuertes.* Robert McCracken Peck. Introduction by Roger Tory Peterson. New York, Published for The Academy of Natural Sciences of Philadelphia by Walter and Company, 1982. Order from Publisher, 720 Fifth Avenue, New York, NY 10019.

Louis Agassiz Fuertes produced thousands of bird paintings, using a variety of media - pencil, ink, watercolor, and oils. This book was written to accompany a major exhibit of his work, which is touring major American museums in the mid-1980's.

*Control of Pig Reproduction.* D.J.A. Cole (and) G.R. Foxcroft. London, Boston, Butterworth Scientific (1982). 664 p. \$99.95. Order from Publisher, 10 Tower Office Park, Woburn, MA 01801. Telephone 617-933-8260.

*A Definitive System for Analysis of Grizzly Bear Habitat and Other Wilderness Resources Utilizing LANDSAT Multispectral Imagery and Computer Technology.* John J. Craighead, J.S. Sumner, G.B. Scaggs. Missoula, MT, U of M Foundation, University of Montana, 1982. 279 p. (Wildlife-Wildlands Institute Monograph No. 1). \$25.00. Order from Associated Students Store, The University of Montana, Missoula, MT 59812. ISBN 0-910439-01-X.

*Energy for Rural Development: Renewable Resources and Alternative Technologies for Developing Countries. Supplement.* Washington, D.C. National Academy Press, 1981. 238 p. \$30.00. Order from National Academy of Sciences, Printing and Publishing Office, 2101 Constitution Avenue, N.W., Washington, D.C. 20420.

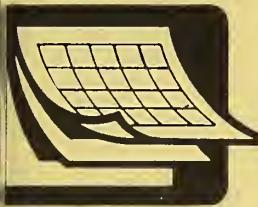
*Ethanol Fuels Reference Guide; a Decision-Maker Guide to Ethanol Fuels.* Golden, CO, Technical Information Branch, Solar Energy Research Institute, 1982. 240 p. (SERI/SP-451-442). Available in print from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. Available in microfiche from National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, VA 22161. Copies have been distributed to land-grant agricultural and cooperating forestry libraries, USDA libraries, USDA energy contacts, and selected Extension Service personnel at the state level. A few copies are available from F&SP, National Agricultural Library, Room 300, Beltsville, MD 20705.

*An Illustrated Guide to Plant Abnormalities Caused by Eriophyid Mites in North America.* Washington, D.C., U.S. Department of Agriculture, Agricultural Research Service, 1982. 178 p. (Agricultural Handbook No. 573). For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

*Online Bibliographic Databases: an International Directory.* 3rd ed. James L. Hall and Marjorie J. Brown. London, Aslib, 1983. \$90.00. Distributed in the U.S. and Canada exclusively by Gale Research Co., Book Tower, Detroit, MI 48226. ISBN 0-8103-0530-5.

*Remote Sensing for Resource Management.* Ankeny, IA, Soil Conservation Society of America, 1982. 688 p. \$45.00. (\$40.00 for SCSA members). Order from SCSA, 7515 N.E. Ankeny Road, Ankeny, IA 50021-9764. Telephone 515-289-2331.

*Toward a Federal Small Farms Policy. Phase I. Barriers to increasing on-farm-income.* Washington, D.C., National Rural Center, 1978. 172 p. (NRC Report No. 9). \$3.00 Order from publisher.



## AGRICULTURE DATEBOOK

February 6-9: *Southern Association of Agricultural Scientists.* Sheraton-Biltmore, Atlanta, GA. Contact: Donna J. Littrell, Box 1522, Tifton, GA 31794.

February 9-11: *First International Biennial Conference on Warm Water Aquaculture.* Sponsored by Brigham Young University-Hawaii Campus. Contact: Warm Water Aquaculture Conference, Department of Tropical Agriculture, Box 135, BYU-Hawaii Campus, Laie, HI 96762 or call (808) 293-3443.

February 10-12: *Human Issues in Freedom from Hunger.* Seminar sponsored by Sam Houston State University. Keynote speaker will be Karen Smith, UNICEF consultant on community participation and family life. Contact: Dorothy A. Huskey, Sam Houston State University, P.O. Box 2065, Huntsville, TX 77341.

February 27-March 2: *NFAIS 25th Silver Anniversary. Information Transfer: Incentives for Innovation.* Crystal Gateway Marriott Hotel, Arlington, VA. Contact: National Federation of Abstracting and Information Services, 112 South Sixteenth Street, Philadelphia, PA 19102.

February 28-March 2: *International Technology Conference/Exhibit.* Sponsored by Energy Trade Associations. Sheraton-Washington Hotel, Washington, D.C. Contact: Martin Heavner, 966 Hungerford Drive #24, Rockville, MD 20850.

March 18-23: *49th North American Wildlife and Natural Resources Conference.* Radisson Muehlebach Hotel, Kansas City, MO.

March 19-23: *American Horticultural Society Spring Symposium.* Mills House, Charleston, SC. Contact: Dorothy W. Sowerby, 7931 E. Boulevard Drive, Mount Vernon, VA 22121.

May 8-13: *International Symposium on Tilapia in Aquaculture.* Tiberias, Israel. Contact: Organizing Committee, International Symposium on Tilapia in Aquaculture, P.O. Box 3054, Tel Aviv, 61030, Israel.

May 16-19: *"Agricultural Chemicals of the Future."* VIII Beltsville Symposia in Agricultural Research. Beltsville Agricultural Research Center, Beltsville, MD. Contact: J.L. Hilton, Room 235, Bldg. 001, BARC, Beltsville, MD 20705. Telephone: 301-344-3029.

May 24-27: *BioEnergy Conference.* World Congress Center, Atlanta, GA. Contact: Frank Kinder, Show Mgr., Ralph Whitener Co., 17413 Dulles International Airport, Washington, D.C. 20041.

June 1-4: *Third Symposium on Coastal and Ocean Management.* COASTAL ZONE '83. Town and Country Inn, San Diego, CA. Contact: Coastal Zone '83, P.O. Box 26062, San Francisco, CA 94126.

June 9: *Food and Nutrition Division and Agricultural Librarians Roundtable, Special Libraries Association.* New Orleans, LA. Contact: W.C. Olsen, Chief, F&SP, National Agricultural Library, Beltsville, MD 20705.

June 10: *USDA Field Librarians and Information Specialists.* New Orleans, LA. Contact: W.C. Olsen, Chief, F&SP, National Agricultural Library, Beltsville, MD 20705.

June 25-30: *American Library Association 102nd Annual Conference.* Los Angeles, Convention Center, Los Angeles, CA. Contact: Conference Manager, ALA, 50 E. Huron Street, Chicago, IL 60611. (312) 944-6780.

June 26-29: *American Dairy Science Association.* University of Wisconsin, Madison, WI. Contact: Claude J. Cruse, Exec. Sec., 309 W. Clark Street, Champaign, IL 61820.

June 26-30: *American Phytopathological Society*. Iowa State University, Ames, IA. Contact: R.J. Tarleton, Exec. V.P., 3340 Pilot Knob Road, St. Paul, MN 55121.

July 17-21: *American Veterinary Medical Association*. New York Hilton and Sheraton Center, NY. Contact: Russell G. Rongren, Dir. Bus. Div., 930 N. Meacham Road, Schaumburg, IL 60196.

July 30-August 4: *American Soybean Association*. Opryland, Nashville, TN. Contact: Ken R. Bader, Chief Exec. O .. Box 27300, Craig Road, St. Louis, MO 63141.

July 31-August 3: "Resource Information for Conservation Decisions." 38th Annual Meeting. *Soil Conservation Society of America*. Parkview Hilton Hotel, Hartford, CT. Contact: Max Schnepf, Ankeny, IA 50021. Telephone: 515-289-2331.

July 31-August 3: *American Agricultural Economic Association*. Purdue University, Lafayette, IN. Contact: Sydney C. James, Sec.-Treas., Dept. Economics, Iowa State University, Ames, IA 50011.

July 31-August 3: *Soil Conservation Society of America*. SHTN - Hartford, CT. Contact: Larry D. Davis, Adm. Asst., 7515 NE Ankeny Road, Ankeny, IA 50021.

August 9-10: *Poultry Science Association*. University of Maryland, College Park, MD. Contact: Claude J. Cruse, Exec. Sec., 309 W. Clark Street, Champaign, IL 61820.

August 31-September 9: *The Developing Library Workforce: The Library Association Second International Summer Workshop*. London, U.K. Contact: Short Courses Organizer, The Library Association, 7 Ridgmont Street, London WC1E 7AE, Great Britain.

September 10-14: *International Association of Fish and Wildlife*

*Agencies*. 73rd Annual Meeting. Red Carpet Hotel, Milwaukee, WI.

October 23-28: *XII Brazilian Librarianship and Documentation Congress*. Balneario Camboriu, SC, Brazil. Contact: Secretarit, XII Congress Brasileiro de Biblioteconomia e Documentatcao 88.000, Florianopolis, SC, Brazil. Telephone: (0482) 33-1344, Ramal 31 Telex: (0482)242.

November 28-December 3: *Entomological Society of America*. Renaissance Center, Detroit, MI. Contact: W. Darryl Hansen, Exec. Dir., 4603 Calvert Road, College Park, MD 20740.

December 4-7: *American Society Farm Managers Rural Appraisers*. San Diego, CA; Convention Performing Arts Center. Contact: Carl O. Norberg, Exec. V.P., Box 6857, 360 S. Monroe, STE 460, Denver, CO 80206.

October 16-19: *Food Marketing Institute Fall Conference*. Washington-Hilton, Washington, D.C. Contact: Michael Muldoon, Pres., 1750 K Street, STE 700, Washington, D.C. 20006.

October 19-23: *American Horticultural Society Annual Meeting*. Washington, D.C. Contact: Thomas W. Richardson, Exec. Dir., 7931 Boulevard Drive, Mount Vernon, VA 22121. 

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